

Data File : VU032311.D
Acq On : 24 May 2019 14:13
Operator : JC/SP
Sample : K3018-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ4

Quant Time: May 24 23:37:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	778537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	775846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	231103	56.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.58%
7) Chloroethane-d5	1.67	69	208770	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.90%
11) 1,1-Dichloroethene-d2	2.27	63	333422	41.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.62%
21) 2-Butanone-d5	4.17	46	343851	88.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.64	84	473319	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.30	65	295057	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
32) Benzene-d6	5.33	84	991141	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.32	67	299667	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.56	98	896084	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.85	79	126744	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.31	63	232156	87.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	449594	42.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	347835	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

Target Compounds

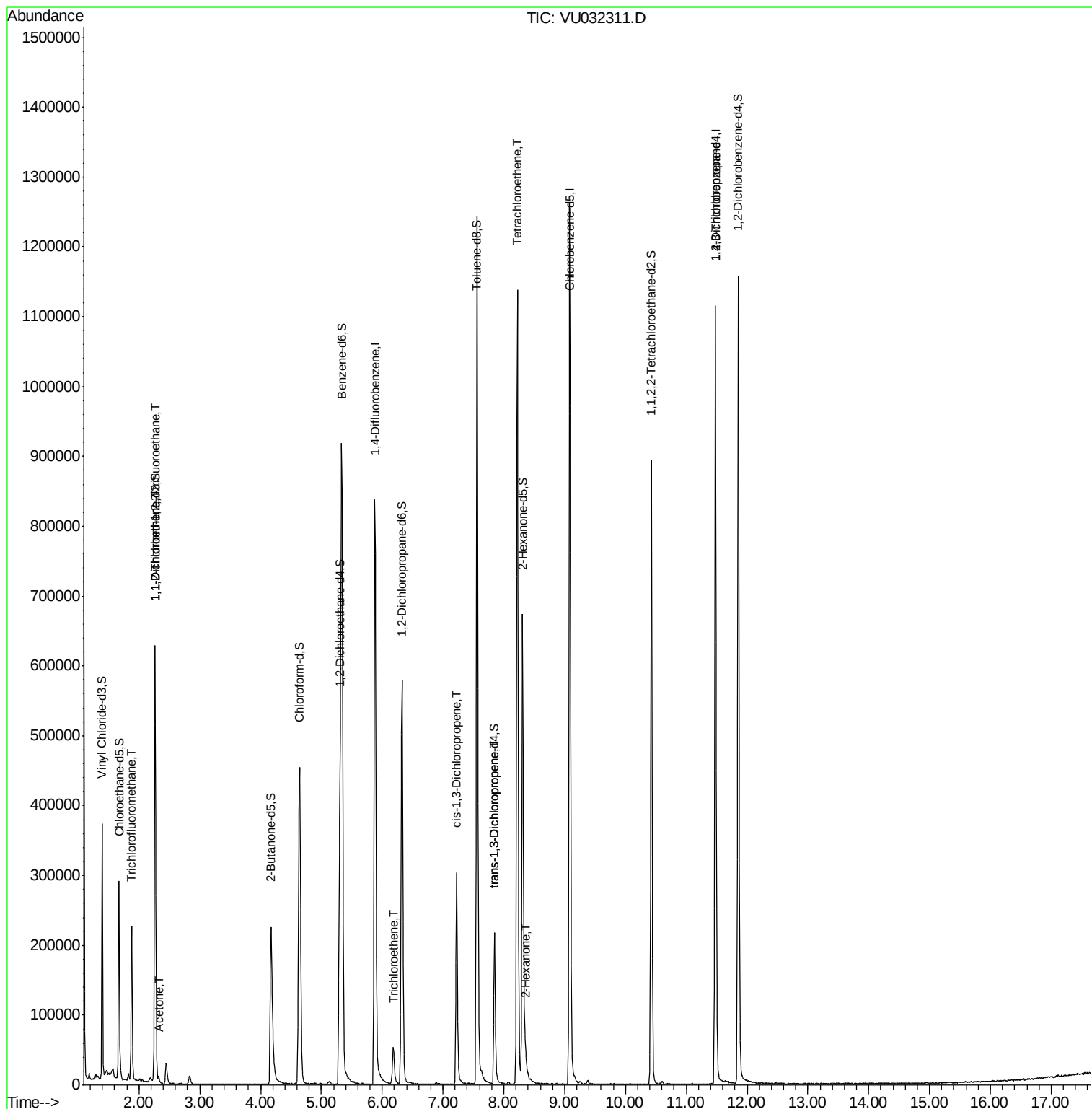
					Qvalue
9) Trichlorofluoromethane	1.88	101	132540	18.809 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3645	0.890 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3514	0.770 ug/L #	1
13) Acetone	2.32	43	4745	1.516 ug/L	93
34) Trichloroethene	6.18	95	15394	2.804 ug/L	89
39) cis-1,3-Dichloropropene	7.22	75	7588	0.896 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	5343	0.714 ug/L	95
46) Tetrachloroethene	8.22	164	283795	68.829 ug/L	95
48) 2-Hexanone	8.36	43	11070	1.779 ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	33619	3.935 ug/L	93

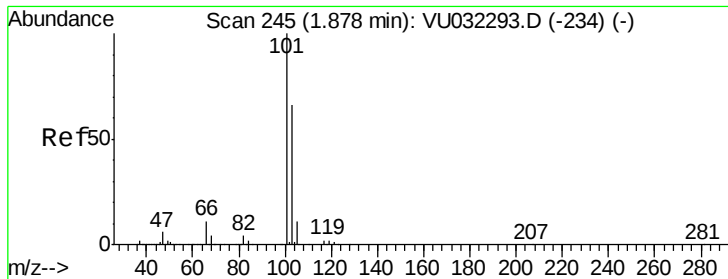
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 18.809 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Instrument :

MSVOA_U

ClientSampled :

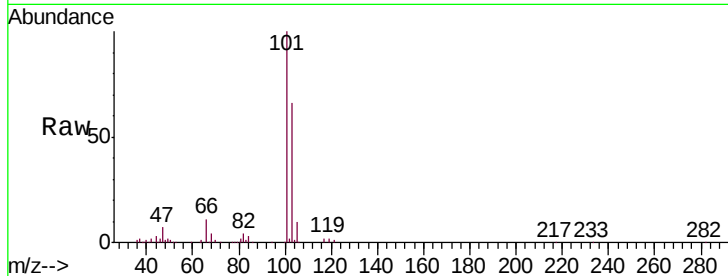
C0XJ4

Tgt Ion:101 Resp: 132540

Ion Ratio Lower Upper

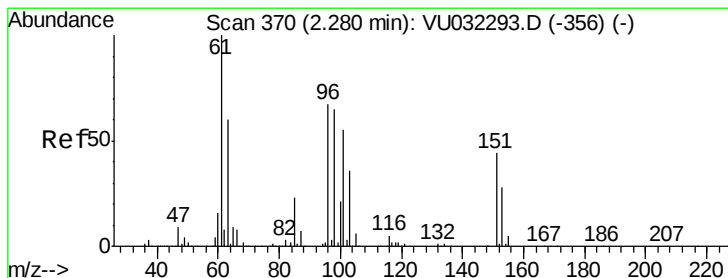
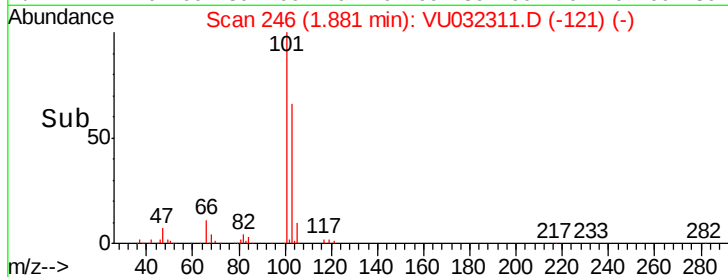
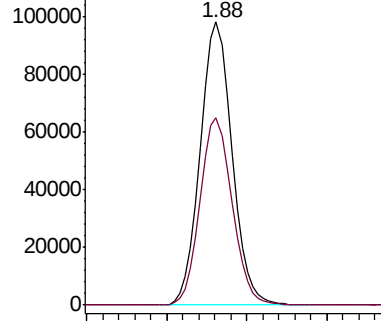
101 100

103 66.8 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.890 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

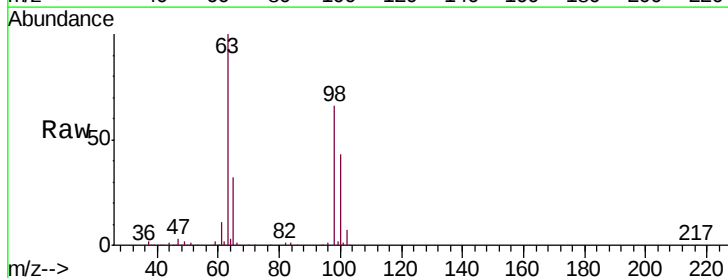
Tgt Ion:101 Resp: 3645

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

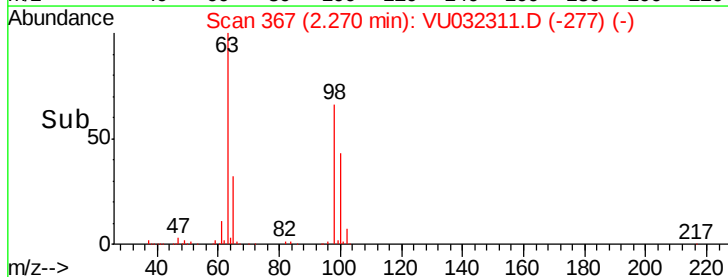
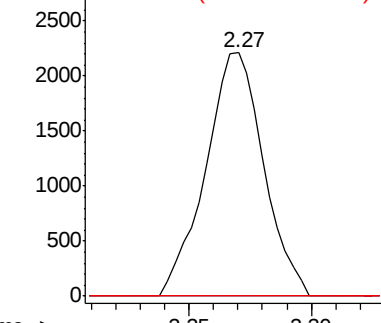
151 0.0 63.5 95.3#

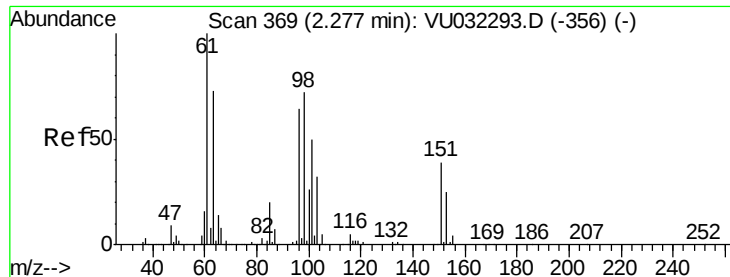


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.770 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Instrument :

MSVOA_U

ClientSampleId :

C0XJ4

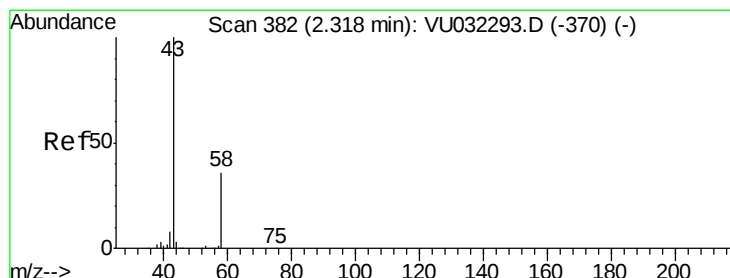
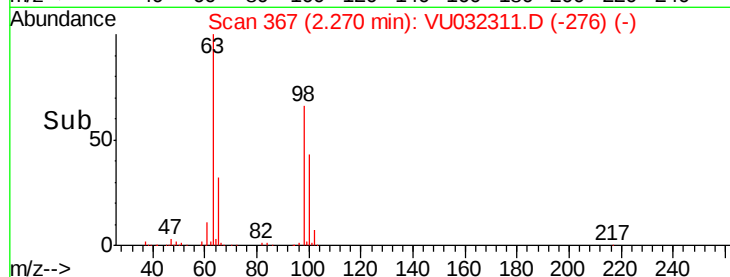
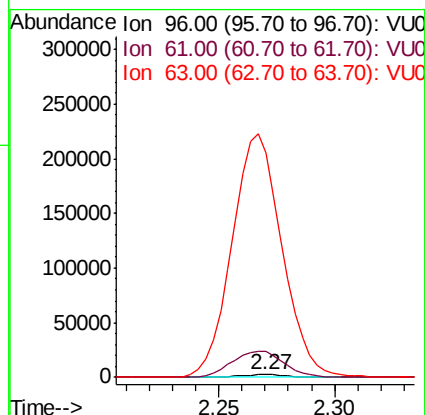
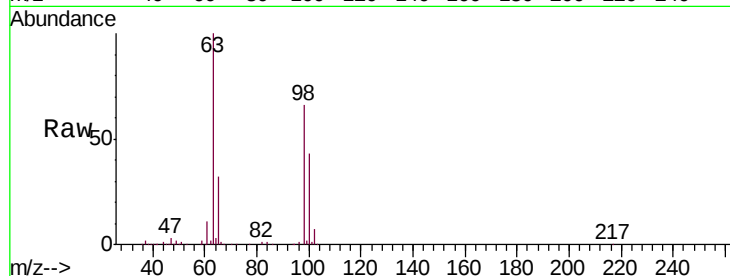
Tgt Ion: 96 Resp: 3514

Ion Ratio Lower Upper

96 100

61 960.8 108.0 200.6#

63 8470.8 85.5 158.7#



#13

Acetone

Concen: 1.516 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032311.D

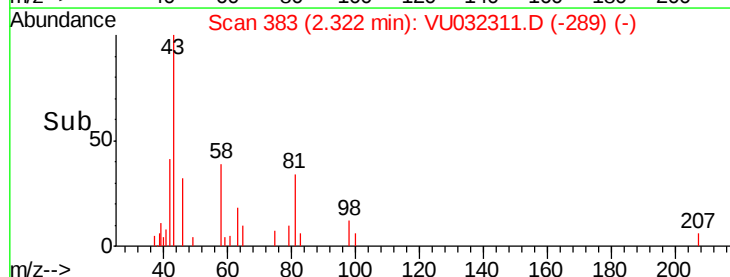
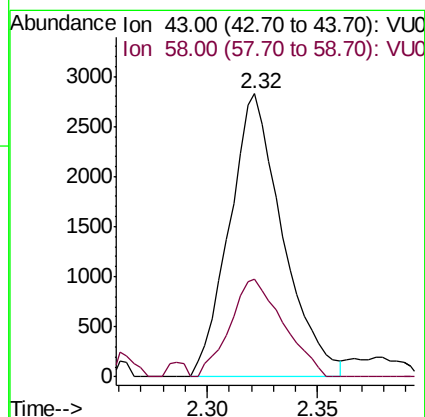
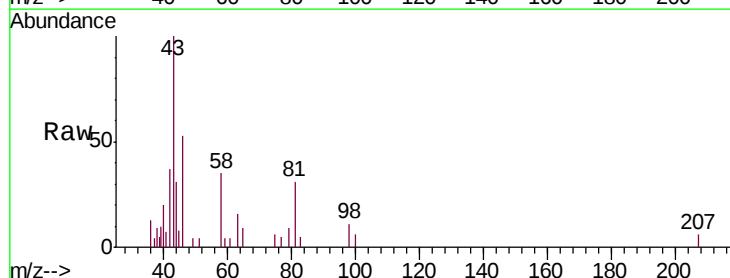
Acq: 24 May 2019 14:13

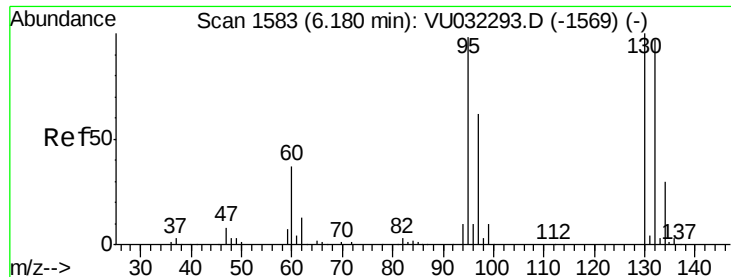
Tgt Ion: 43 Resp: 4745

Ion Ratio Lower Upper

43 100

58 34.6 0.0 77.2





#34

Trichloroethene

Concen: 2.804 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Instrument :

MSVOA_U

ClientSampleId :

C0XJ4

Tgt Ion: 95 Resp: 15394

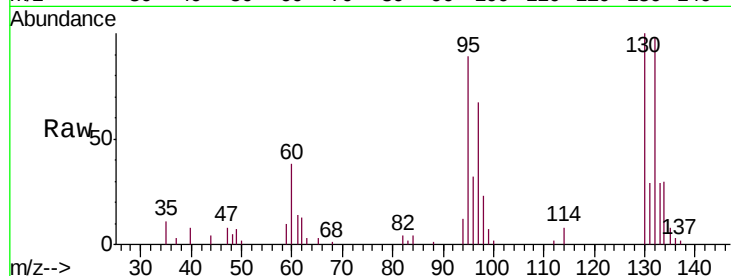
Ion Ratio Lower Upper

95 100

97 74.8 45.3 84.1

132 110.0 68.0 126.2

130 112.2 73.2 136.0

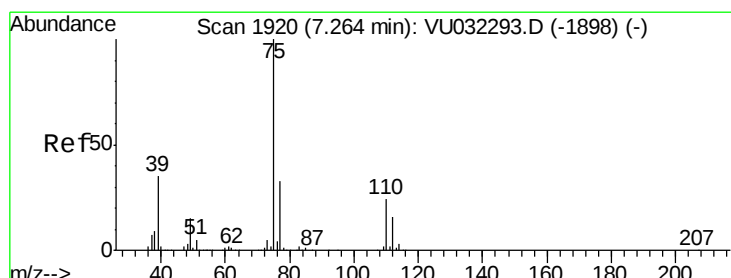
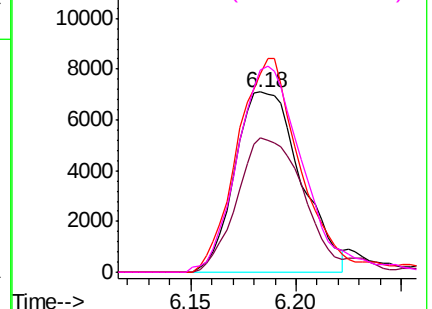
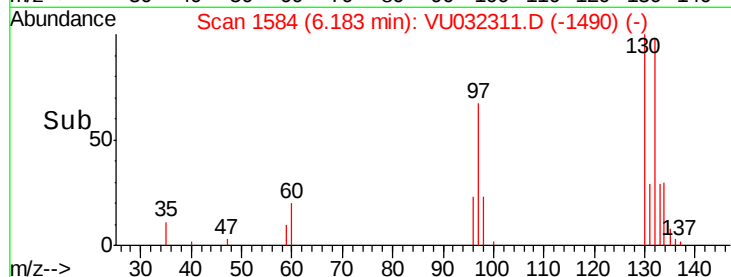


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032311.D

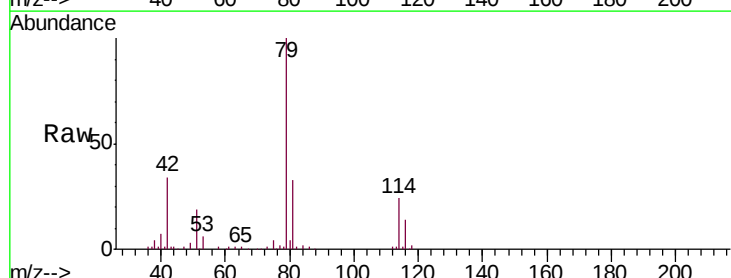
Acq: 24 May 2019 14:13

Tgt Ion: 75 Resp: 7588

Ion Ratio Lower Upper

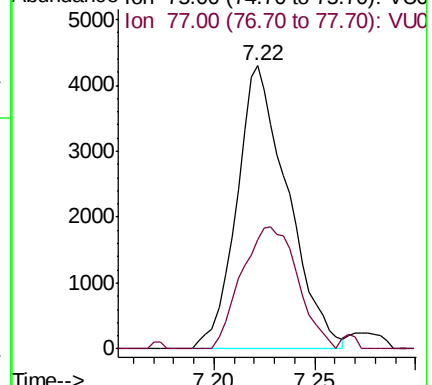
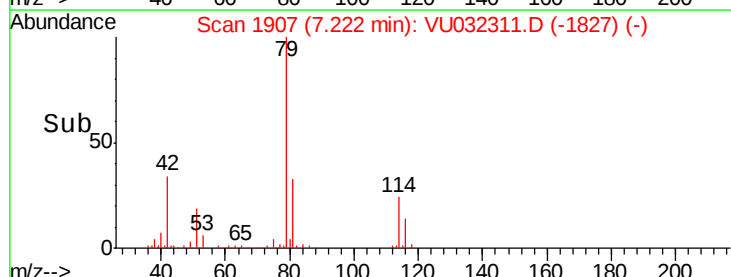
75 100

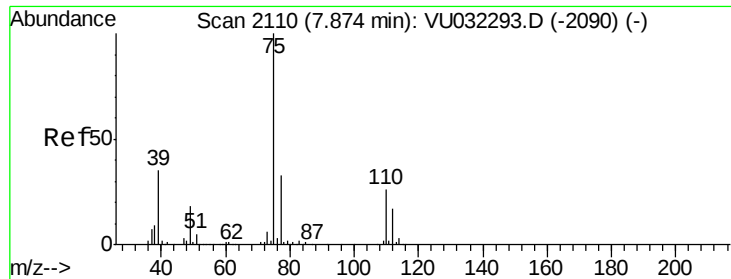
77 38.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Instrument :

MSVOA_U

ClientSampleId :

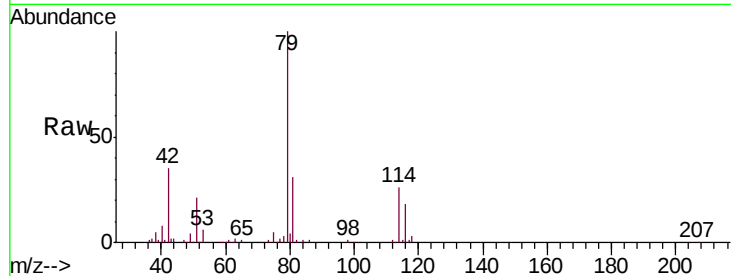
C0XJ4

Tgt Ion: 75 Resp: 5343

Ion Ratio Lower Upper

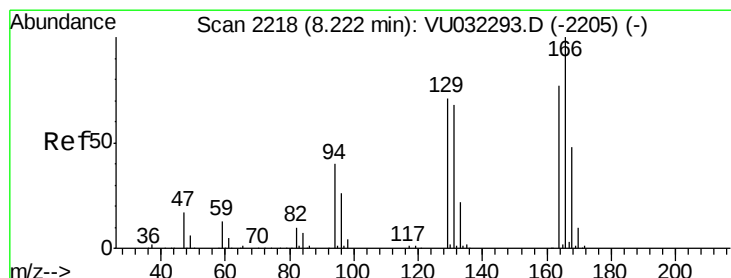
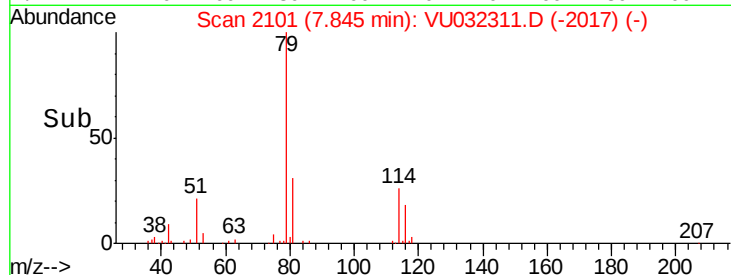
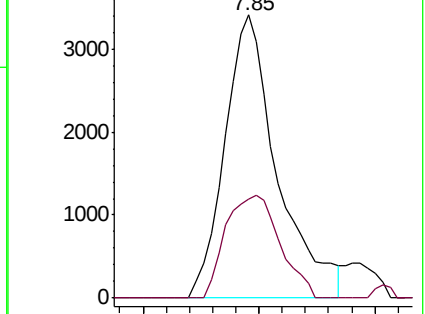
75 100

77 34.9 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU032293.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032293.D (-2090) (-)



#46

Tetrachloroethene

Concen: 68.829 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Tgt Ion: 164 Resp: 283795

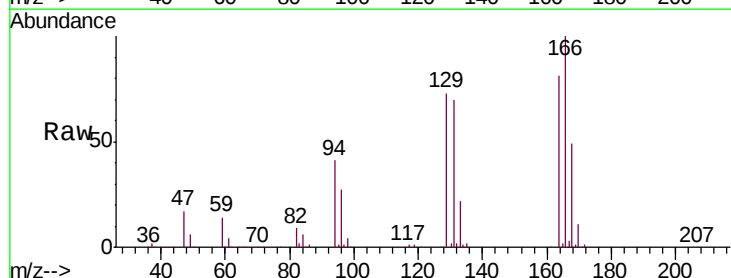
Ion Ratio Lower Upper

164 100

129 89.8 66.2 123.0

131 86.0 61.9 114.9

166 123.7 91.8 170.4

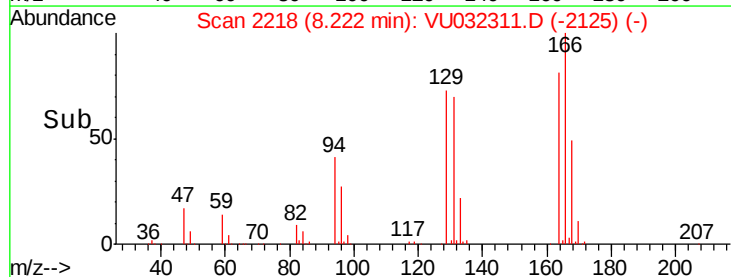
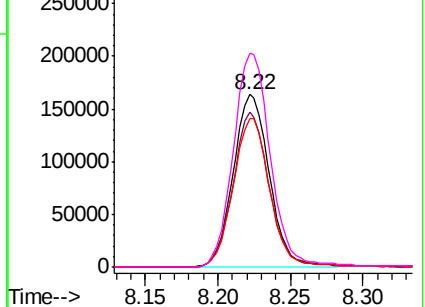


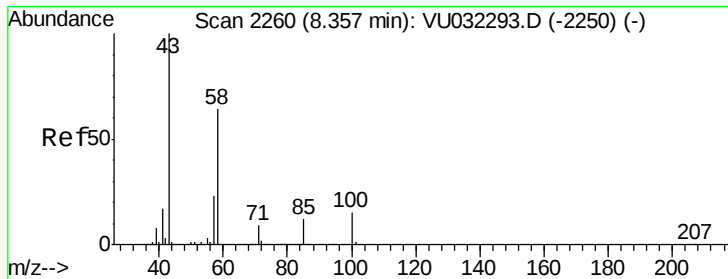
Abundance Ion 164.00 (163.70 to 164.70): VU032293.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032293.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032293.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032293.D (-2205) (-)

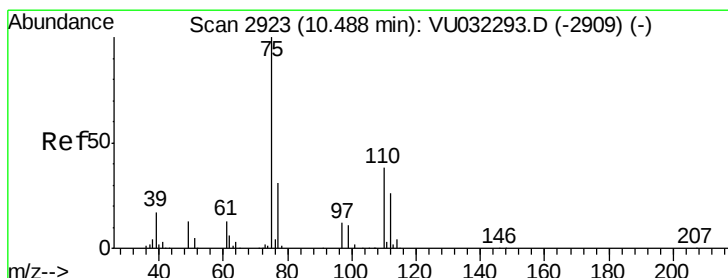
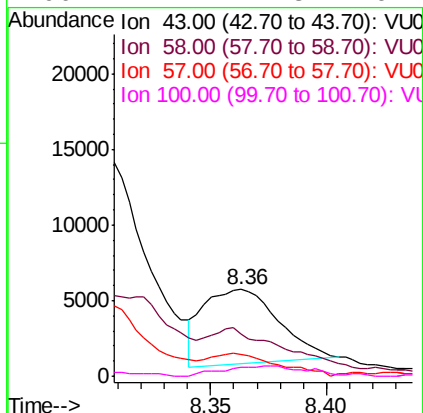
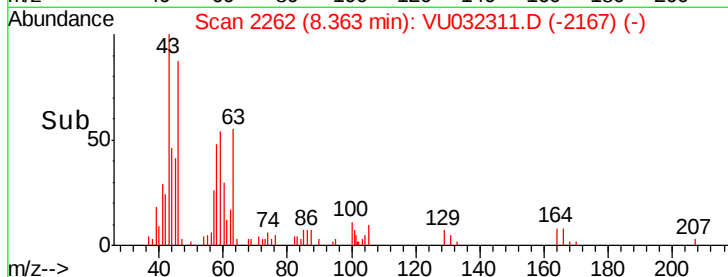
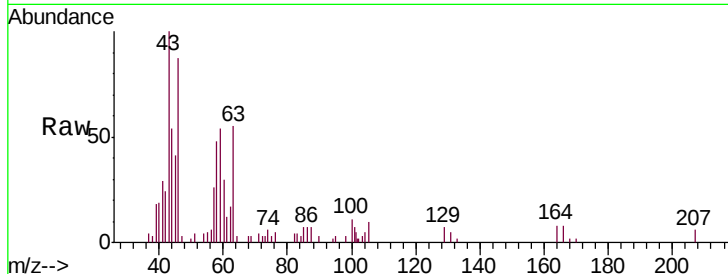




#48
2-Hexanone
Concen: 1.779 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032311.D
Acq: 24 May 2019 14:13

Instrument :
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ClientSampleId :
C0XJ4

Tgt Ion: 43 Resp: 11070
Ion Ratio Lower Upper
43 100
58 0.0 51.4 77.0#
57 28.0 17.8 26.8#
100 4.7 12.8 19.2#



#59
1,2,3-Trichloropropane
Concen: 3.935 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032311.D
Acq: 24 May 2019 14:13

Tgt Ion: 75 Resp: 33619
Ion Ratio Lower Upper
75 100
77 35.8 25.7 38.5

